

## Edwards (BFZ) Aquifer Status Report – September 2021

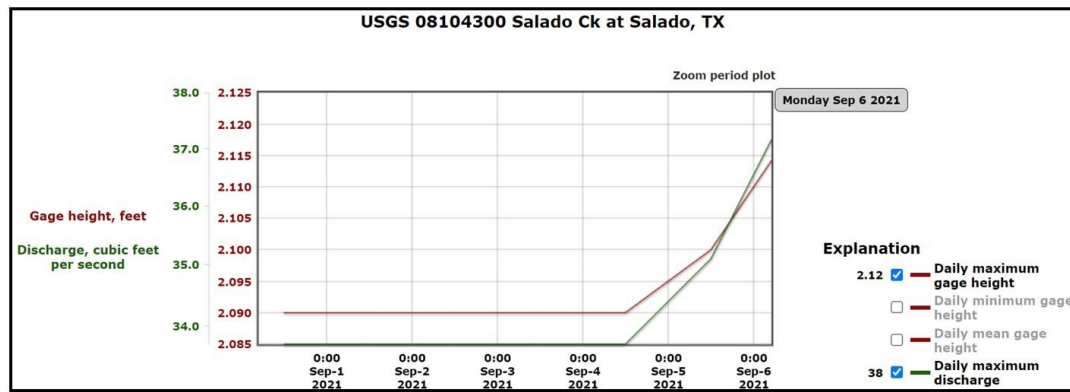
<u>DFC Analysis Over Time</u> (2000-Present) <i>Modeled Available Groundwater</i>				<u>HEUP and OP Permit Analysis</u> <i>Relative to the Modeled Available Groundwater</i>			<u>2021 YTD Prod.</u> Jan - Aug <b>1091.22 Ac-ft</b> <b>43.35%</b>	<u>Pending Applications</u>		<u>Exempt Well Reservations</u>		
	DFC Adopted * Minimum Spring Flow	Status of DFC ** Current / Low	MAG *** Ac-ft	HEUP Ac-ft	OP Ac-ft	Total Permitted Ac-ft	2020 Actual Production	Available for Permitting Ac-ft	Pending Applications Ac-ft	Exempt Well Reservation Ac-ft	Exempt Well Use Estimation Ac-ft	Available Exempt Use Ac-ft
<b>Edwards (BFZ) Aquifer</b>	<b>100 Ac-ft</b> per month or <b>1.68 cfs</b>	<b>2073.13 Ac-ft</b> 9/6/2021 vs <b>220 Ac-ft</b> 08/20/2014	6469	2209.7	307.25	<b>2516.95</b>	<b>2,189.47 Ac-ft</b> <b>87.13%</b>	<b>3127.05</b>	<b>500.00</b>	825	357	468

\*Desired Future Conditions (DFC) established by Clearwater UWCD and approved by GMA8 and TWBD, is the description of how the aquifer should look in the future (50 years based on maintaining the Salado Spring Complex discharge during a repeat of drought conditions similar to the drought of record in the 1950's, under drought of record, a five-day average of discharge amounting to 200 ac-ft-month is preferred and 100 ac-ft/month is the minimum acceptable spring flow. Spring flow is measured and estimated by the USGS Gage in Salado Creek located below the Salado Creek Spring Complex.

\*\*Status of the DFC is the estimated spring flow over a five-day average from the springs releasing artesian pressure from the Edwards BFZ Aquifer expressed as acre feet per month of spring flow into Salado Creek.

\*\*\*The Modeled Available Groundwater (MAG) is the estimated amount of water available for permitting assigned to Clearwater UWCD by the Executive Administrator of TWDB, based on the desired future conditions.

7KX Investments N2-19-005P (500 ac-ft/yr)

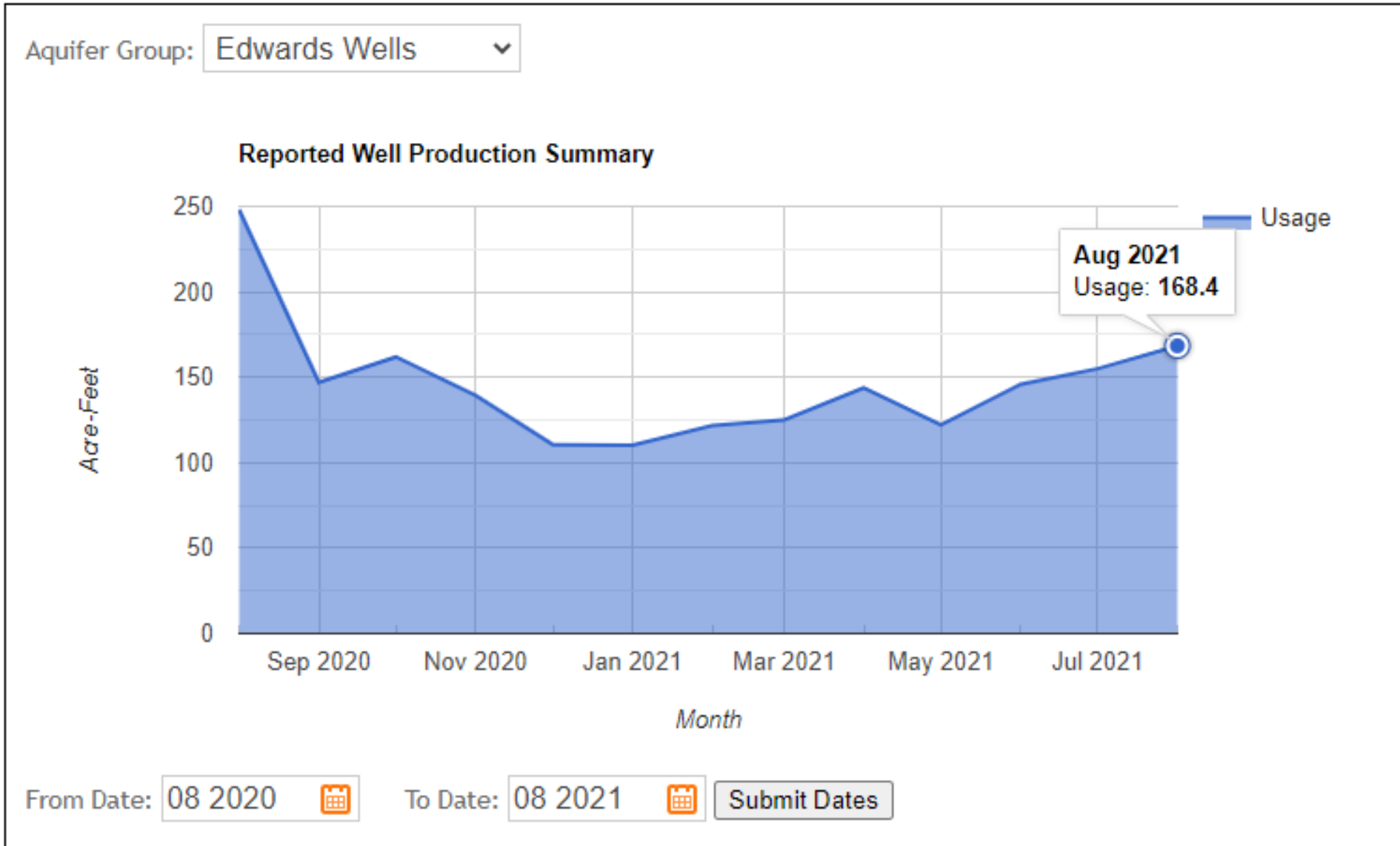


CFS is measured continuously at the downstream gage with USGS developing the rating curve according to industry standards and maintaining the information for public access on the USGS website.

5 - day average for September 1<sup>st</sup> – September 5<sup>th</sup> was 34.84 CFS = 2073.13 ac-ft/month

5 - day average for July 31<sup>st</sup> – August 4<sup>th</sup> was 71.944 CFS = 4280.97 ac-ft/month

# Edwards (BFZ) Aquifer Status Report – September 2021



**Non-Exempt Wells--Edwards BFZ**

File No.	State #	Name	Acre-Feet			2021 Monthly Production (gallons)												YTD	YTD ac-ft	% Permit		
			Hist. Permit	Oper. Permit	Total Permit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
		<b>Chick Landscaping</b>	<b>0.00</b>	<b>2.29</b>	<b>2.29</b>																	
N2-06-002G		Chick Landscaping Well #2				2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	0	0	0	0	0	19,200	0.06	2.62%
		<b>Jarrell-Schwertner WSC</b>	<b>301.20</b>	<b>153.00</b>	<b>454.20</b>																	
N2-02-041G	5804808	JSWSC (Prairie Dell 2)				10,932,830	10,327,563	10,790,258	9,313,790	8,110,563	10,824,731	11,084,416	13,581,962	0	0	0	0	0	0	84,966,113	260.75	57.41%
N2-02-042G	5804811	JSWSC (Prairie Dell 5)				4,382,863	4,570,743	3,911,546	3,589,818	3,431,320	4,478,944	5,140,854	5,897,501	0	0	0	0	0	0	35,403,589	108.65	23.92%
N2-03-005P		JSWSC (Prairie Dell 8)				2,998,193	3,296,778	4,018,512	3,285,032	2,721,857	3,622,956	4,913,675	4,358,371	0	0	0	0	0	0	29,215,374	89.66	19.74%
						3,551,774	2,460,042	2,860,200	2,438,940	1,957,386	2,722,831	1,029,887	3,326,090	0	0	0	0	0	0	20,347,150	62.44	13.75%
		<b>Not Aggregated</b>																				
N2-15-003P		Anthony Craft		0.60	0.60	430	820	0	0	0	480	200	300	0	0	0	0	0	0	2,230	0.01	1.67%
N2-02-016G		Arthur. W. Capps	70.50		70.50	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	0	0	0	0	0	0	720,000	2.21	3.13%
N2-21-007P		Belton Partners LLC		2.50	2.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N2-07-010G	5804637	Bloomer Mfg.		2.07	2.07	0	0	0	4,500	3,677	3,234	4,172	7,774	0	0	0	0	0	0	23,357	0.07	3.38%
N2-19-007P	5804640	Brazos Valley Equine Hospital		1.32	1.32	25,600	14,800	26,300	28,900	28,700	30,900	30,000	25,800	0	0	0	0	0	0	211,000	0.65	49.24%
N2-11-004P	5804631	Charles Broecker		0.99	0.99	0	0	0	0	6,000	6,000	8,000	20,000	0	0	0	0	0	0	40,000	0.12	12.12%
N2-16-002G		Charles Duniher		0.60	0.60	460	378	270	6,292	400	500	9,300	20,600	0	0	0	0	0	0	38,200	0.12	20.00%
N1-20-001P	4061710	Dillman Trust		0.59	0.59	16,060	16,060	16,060	16,060	16,060	16,060	16,060	16,060	0	0	0	0	0	0	128,480	0.39	66.10%
N1-09-004P		Domingo Perez		0.53	0.53	14,416	14,416	14,416	14,416	14,416	14,416	14,416	14,416	0	0	0	0	0	0	115,328	0.35	66.04%
N1-20-002P	4060913	Donald & Sheryl Rich		0.39	0.39	0	0	10,706	10,706	10,706	10,706	10,706	10,706	0	0	0	0	0	0	64,236	0.20	51.28%
N2-17-001P	5804305	Heart of Texas Feed		0.14	0.14	670	510	530	690	540	490	770	170	0	0	0	0	0	0	4,370	0.01	7.14%
N2-11-005P	5805108	James & Terry Boston		1.66	1.66	1,690	882	1,360	1,436	1,165	1,934	2,302	1,682	0	0	0	0	0	0	12,451	0.04	2.41%
N1-07-001P		James Schnitker		1.84	1.84	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	0	0	0	0	0	0	400,000	1.23	66.85%
N1-13-002P		Janet Stone		0.34	0.34	9,233	9,233	9,233	9,233	9,233	9,233	9,233	9,233	0	0	0	0	0	0	73,864	0.23	67.65%
N1-14-001P		Karen Duerr		0.27	0.27	7,331	7,331	7,331	7,331	7,331	7,331	7,331	7,331	0	0	0	0	0	0	58,648	0.18	66.67%
N1-10-001P		Kenneth Stone		0.57	0.57	15,445	15,445	15,445	15,445	15,445	15,445	15,445	15,445	0	0	0	0	0	0	123,560	0.38	66.67%
N2-08-004P		Lonnie Sherman		1.10	1.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N2-09-002P		O. W. Lowery		1.84	1.84	10,070	16,340	50,440	48,800	9,850	44,290	74,880	52,070	0	0	0	0	0	0	306,740	0.94	51.09%
N1-07-005P		Patricia Suarez		0.38	0.38	10,333	10,333	10,333	10,333	10,333	10,333	10,333	10,333	0	0	0	0	0	0	82,664	0.25	65.79%
N2-07-005G		RLF Salado Quarries (Office)		3.91	3.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N1-07-003P		Ronald Gravette		0.38	0.38	10,333	10,333	10,333	10,333	10,333	10,333	10,333	10,333	0	0	0	0	0	0	82,664	0.25	65.79%
N2-03-004G	5804627	Salado ISD (MS)	1.50		1.50	9,720	9,720	9,720	9,720	9,720	9,720	9,720	9,720	0	0	0	0	0	0	77,760	0.24	16.00%
N2-21-006P	5804321	Salado RV Park		0.32	0.32	0	0	0	0	0	0	5,400	0	0	0	0	0	0	0	5,400	0.02	6.25%
N2-09-004G		Salado UMC		1.86	1.86	8	401	2,569	3,089	30	1,000	3,740	2,123	0	0	0	0	0	0	12,960	0.04	2.15%
N2-15-004P	5804633	Scott Law Well #1		0.60	0.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N2-15-005P	5804634	Scott Law Well #2, Guthrie		0.60	0.60	3,632	3,643	13,386	8,075	15,407	15,735	1,654	27,770	0	0	0	0	0	0	89,302	0.27	45.00%
N2-15-006P		Scott Law Well #3		0.60	0.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N2-15-007P		Scott Law Well #4		0.60	0.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N2-15-008P		Scott Law Well #5		0.60	0.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N2-15-009P		Scott Law Well #6		0.60	0.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N2-15-010P	5805109	Scott Law Well #7 - Brady Woods		0.60	0.60	6,780	5,280	32,290	30,340	28,890	46,740	0	0	0	0	0	0	0	0	150,320	0.46	76.67%
N2-15-011P		Scott Law Well #8		0.60	0.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N2-15-012P	5804316	Scott Law Well #9 - Jana Lever		0.60	0.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N2-20-001G	5804319	SDG Properties		0.67	0.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N2-04-017G		Sonic of Salado		0.86	0.86	2,418	2,390	2,130	2,260	2,140	2,160	2,430	2,640	0	0	0	0	0	0	18,568	0.06	6.98%
N1-18-002P	5812203	Windy Meadows		0.47	0.47	12,762	12,762	12,762	12,762	12,762	12,762	12,762	12,762	0	0	0	0	0	0	102,096	0.31	65.96%
		<b>Salado WSC</b>	<b>1,472.30</b>	<b>36.99</b>	<b>1,509.29</b>	<b>17,995,000</b>	<b>21,514,000</b>	<b>21,368,000</b>	<b>28,512,000</b>	<b>22,278,000</b>	<b>26,593,000</b>	<b>28,602,000</b>	<b>40,501,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>207,363,000</b>	<b>636.36</b>	<b>42.16%</b>
N2-02-010G	5804512	7KX Ranch (#8)				0	0	0	2,753,000	10,177,000	11,854,000	15,376,000	22,798,000	0	0	0	0	0	0	62,958,000	193.21	12.80%
N2-02-011G	5804513	7KX Ranch (#9)				5,089,000	5,302,000	5,921,000	4,602,000	0	0	0	0	0	0	0	0	0	0	20,914,000	64.18	4.25%
N2-02-003G	5804602	Salado WSC (#1)				3,512,000	3,632,000	4,203,000	3,897,000	3,209,000	3,116,000	3,173,000	3,258,000	0	0	0	0	0	0	28,000,000	85.93	5.69%
N2-02-004G	5804604	Salado WSC (#2)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N2-02-005G	5804508	Salado WSC (#3)				8,447,000	4,639,000	7,217,000	9,157,000	8,481,000	8,489,000	8,576,000	8,585,000	0	0	0	0	0	0	63,591,000	195.15	12.93%
N2-02-006G	5804621	Salado WSC (#4)				400,000	0	0	1,000	0	85,000	7,000	54,000	0	0	0	0	0	0	547,000	1.68	0.11%
N2-02-007G	5804509	Salado WSC (#5)				500,000	2,790,000	17,000	834,000	0	372,000	112,000	906,000	0	0	0	0	0	0	5,531,000	16.97	1.12%
N2-02-008G	5804510	Salado WSC (#6)				39,000	4,187,000	3,973,000	6,409,000	160,000	1,999,000	927,000	3,128,000	0	0	0	0	0	0	20,822,000	63.90	4.23%
N2-02-009G	5804626	Salado WSC (#7)				8,000	964,000	37,000	859,000	251,000	678,000	431,000	1,772,000	0	0	0	0	0	0	5,000,000	15.34	1.02%
		<b>Schwertner Farms</b>	<b>328.90</b>	<b>74.05</b>	<b>402.95</b>	<b>6,633,530</b>																

## Trinity Aquifer Status Report – September 2021

<u>DFC Analysis Over Time</u> (2000-Present) <i>Modeled Available Groundwater</i>			<u>HEUP and OP Permit Analysis</u> <i>Relative to the Modeled Available Groundwater</i>			<u>2021 YTD</u> <u>Total Prod.</u> <i>Jan - Jul</i> <b>1131.56 Ac-ft</b> <b>25.04%</b>		<u>Pending Applications</u>		<u>Exempt Well Reservations</u>		
<b>Trinity Aquifer</b> (by layer)	<b>DFC Adopted *</b> Average Drawdown (by layer)	<b>MAG **</b> Ac-ft	<b>HEUP</b> Ac-ft (by layer)	<b>OP</b> Ac-ft (by layer)	<b>Total Permitted</b> Ac-ft (by layer)	<b>2020 YTD Prod.</b> (by layer)	<b>2021 YTD Prod.</b> (by layer)	<b>Available for Permitting</b> Ac-ft (by layer)	<b>Pending Applications</b> Ac-ft (by layer)	<b>Exempt Well Reserve</b> Ac-ft (by layer)	<b>2020 Exempt Well Use Estimate</b> Ac-ft (by layer)	<b>Available Exempt Use</b> Ac-ft (by layer)
	Current											
Pawluxy	NA	0	0	0	0	0	0	0	0			0
Glen Rose (upper)	<b>-1.38 ft/yr</b> -83 ft/60 yrs	974	61.9	71.28	<b>133.18</b>	25.85	7.24	<b>147.82</b>	0	693	194	499
Hensell (middle)	<b>-2.28 ft/yr</b> -137 ft/60 yrs	1099	259.3	211.25	<b>470.55</b>	93.69	41.66	<b>80.45</b>	0	548	524	24
Hosston (lower)	<b>-5.50 ft/yr</b> -330 ft/60 yrs	7193	1181.4	2733.58	<b>3944.98</b>	1119.97	1082.66	<b>3070.02</b>	*** 205.8	178	53	125
Total		<b>9266</b>	1502.6	3013.17	<b>4548.71</b>	1239.50 (27.45%)	1131.56 (25.04%)	<b>3298.29</b>	<b>205.8</b>	1419	771	648

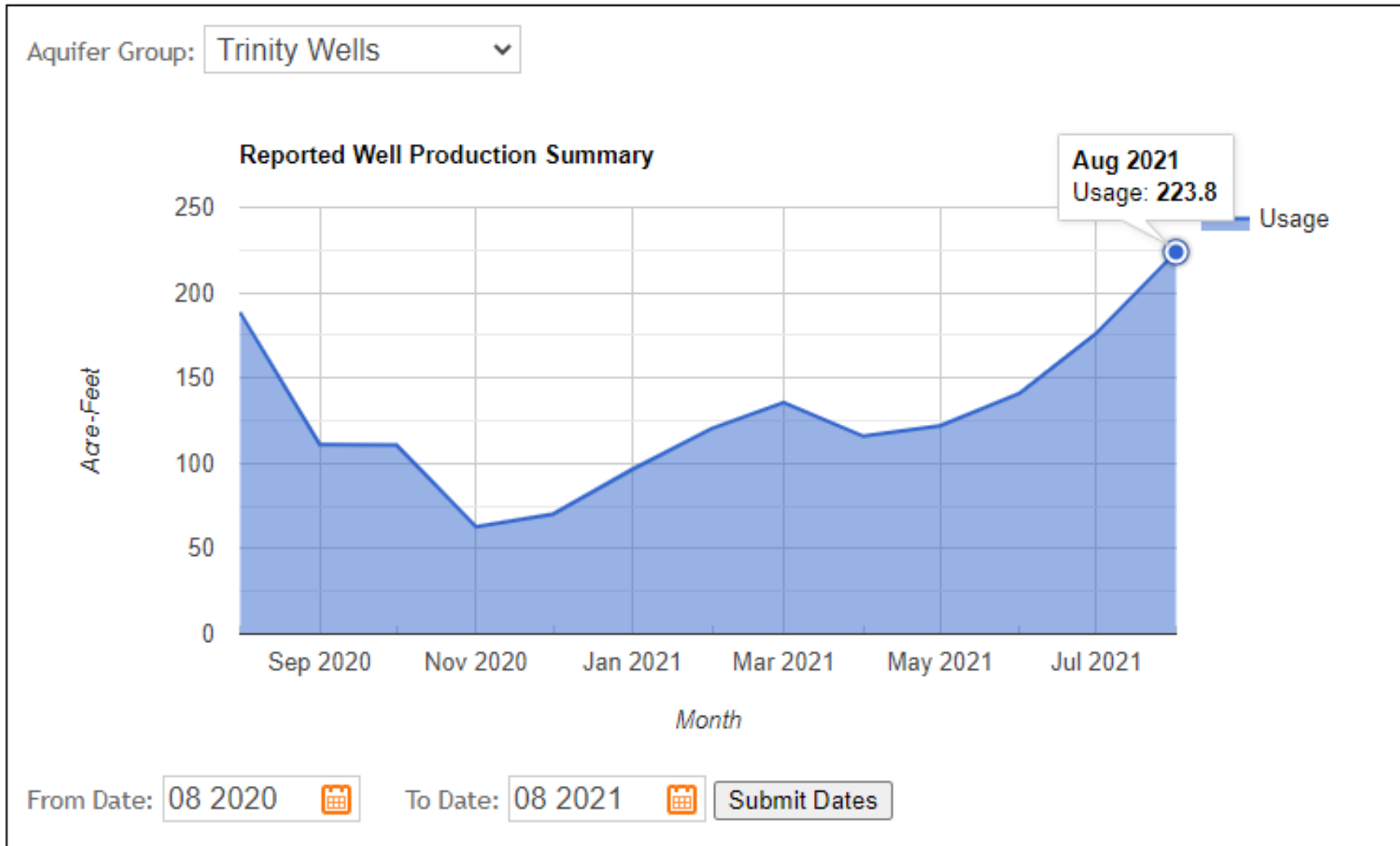
\*Desired Future Conditions (DFC) is the description of how the aquifer should look in the future (60 years).

\*\*The Modeled Available Groundwater (MAG) is the estimated amount of water available for permitting assigned to Clearwater UWCD by the Executive Administrator of TWDB.

\*\*\*Pending applications

Trinity Oasis LLC Operating Permit N2-13-002P (205.8 ac-ft/yr)

# Trinity Aquifer Status Report – September 2021





**Non-Exempt Wells--Other**

File No.	State #	Name	Acre-Feet			2021 Monthly Production (gallons)												YTD	YTD ac-ft	% Permit
			Hist. Permit	Oper. Permit	Total Permit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
		Bradley Ware	0.00	160.00	160.00	1,987,694	1,303,405	2,085,449	3,160,758	814,628	1,727,012	2,574,225	3,030,417	0	0	0	0	16,683,588	51.20	32.00%
N2-11-001G		Bradley B. Ware				1,368,576	1,010,139	1,564,087	2,248,374	684,288	1,270,820	1,564,086	1,987,693	0	0	0	0	11,698,063	35.90	22.44%
N2-11-002G		Bradley B. Ware				619,118	293,266	521,362	912,384	130,340	456,192	1,010,139	1,042,724	0	0	0	0	4,985,525	15.30	9.56%
<b>Not Aggregated</b>																				
N2-07-014P		Barking Oaks		0.62	0.62	5,870	5,680	5,460	5,980	5,230	5,680	5,890	6,218	0	0	0	0	46,008	0.14	22.58%
N2-07-013G		D.R. Dorsey Properties		2.47	2.47	125	0	350	175	21	45	25	45	0	0	0	0	786	0.00	0.00%
N2-10-007P		Goode Towing		0.05	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N1-21-001P		Kelly Carter		0.87	0.87	0	0	0	0	0	23,664	23,664	23,664	0	0	0	0	70,992	0.22	25.29%
N2-08-005G		Lone Star Paving		1.07	1.07	0	86	3,085	4,056	5,034	1,073	257	224	0	0	0	0	13,815	0.04	3.74%
N2-14-001G		Mikeska		100.00	100.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N2-06-007G		Misty Creek HOA		6.45	6.45	17,050	17,000	17,500	15,500	12,000	14,500	14,500	14,200	0	0	0	0	122,250	0.38	5.89%
N2-20-006G	4061711	Reddylee LLC		9.97	9.97	0	0	0	22,670	3,710	42,110	24,480	58,070	0	0	0	0	151,040	0.46	4.61%
N1-11-001P		Roy Rodriguez		0.55	0.55	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	0	0	0	120,000	0.37	67.27%
N1-04-001P		Stephen Spinn		0.56	0.56	15,207	15,207	15,207	15,207	15,207	15,207	15,207	15,207	0	0	0	0	121,656	0.37	66.07%
N2-16-001P		Strike 3 Bail Bonds		0.12	0.12	360	240	320	320	300	310	410	420	0	0	0	0	2,680	0.01	8.33%
N2-08-007G		Trio Investments		0.18	0.18	600	600	400	200	100	200	100	100	0	0	0	0	2,300	0.01	5.56%
N1-16-007P		Wells Fargo Bank		0.79	0.79	21,390	21,390	21,390	21,390	21,390	21,390	21,390	21,390	0	0	0	0	171,120	0.53	67.09%
<b>Strasburger Farms</b>																				
		Strasburger Farms	271.80	33.84	305.64	0	0	0	0	0	7,710,000	0	0	0	0	0	0	7,710,000	23.66	7.74%
N2-02-030G		Strasburger Farms (#10)				0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N2-02-031G		Strasburger Farms (#11)				0	0	0	0	0	3,120,000	0	0	0	0	0	0	3,120,000	9.57	3.13%
N2-02-032G		Strasburger Farms (#15)				0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N2-02-033G		Strasburger Farms (#16)				0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N2-18-001P		Strasburger Farms (#2)				0	0	0	0	0	3,294,000	0	0	0	0	0	0	3,294,000	10.11	3.31%
N2-02-027G		Strasburger Farms (#4)				0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
N2-12-002P		Strasburger Farms (#5)				0	0	0	0	0	1,296,000	0	0	0	0	0	0	1,296,000	3.98	1.30%
N2-02-029G		Strasburger Farms (#6)				0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00%
<b>Totals:</b>			271.80	317.54	589.34	2,063,296	1,378,608	2,164,161	3,261,256	892,620	9,576,191	2,695,148	3,184,955	0	0	0	0	25,216,235	77.39	13.13%